BookletChart™

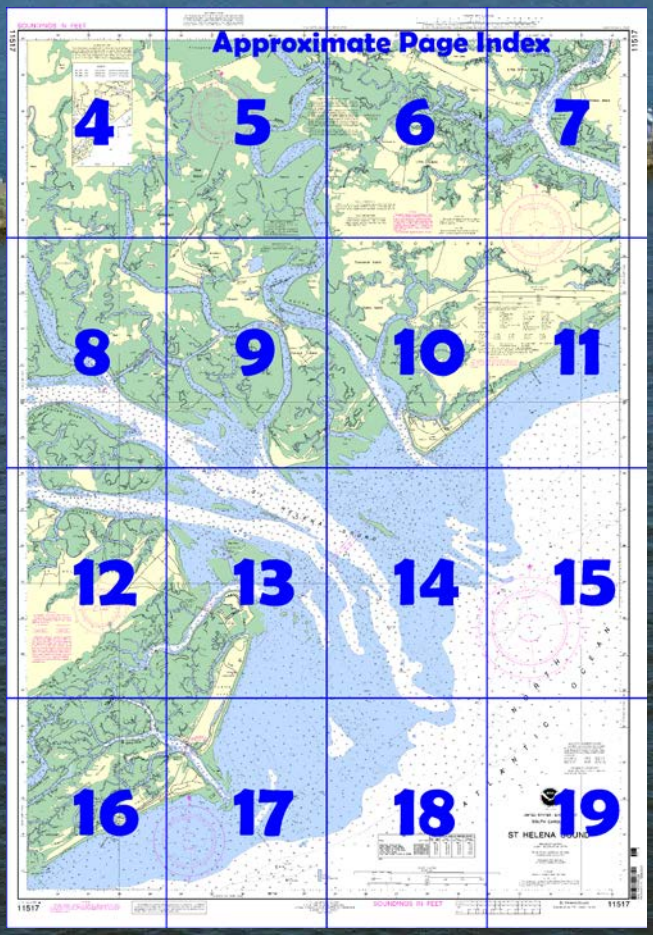
St. Helena Sound

NOAA Chart 11517

A reduced-scale NOAA nautical chart for small boaters

When possible, use the full-size NOAA chart for navigation.

- *Complete, reduced-scale nautical chart*
- *Print at home for free*
- *Convenient size*
- *Up-to-date with Notices to Mariners*
- *Compiled by NOAA's Office of Coast Survey, the nation's chartmaker*



Published by the
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Coast Survey
www.NauticalCharts.NOAA.gov
888-990-NOAA

What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

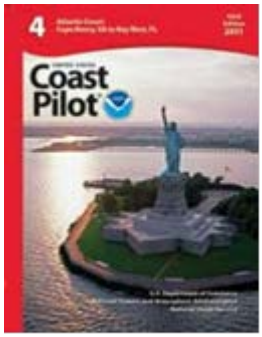
Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at http://www.NauticalCharts.NOAA.gov.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=11517.

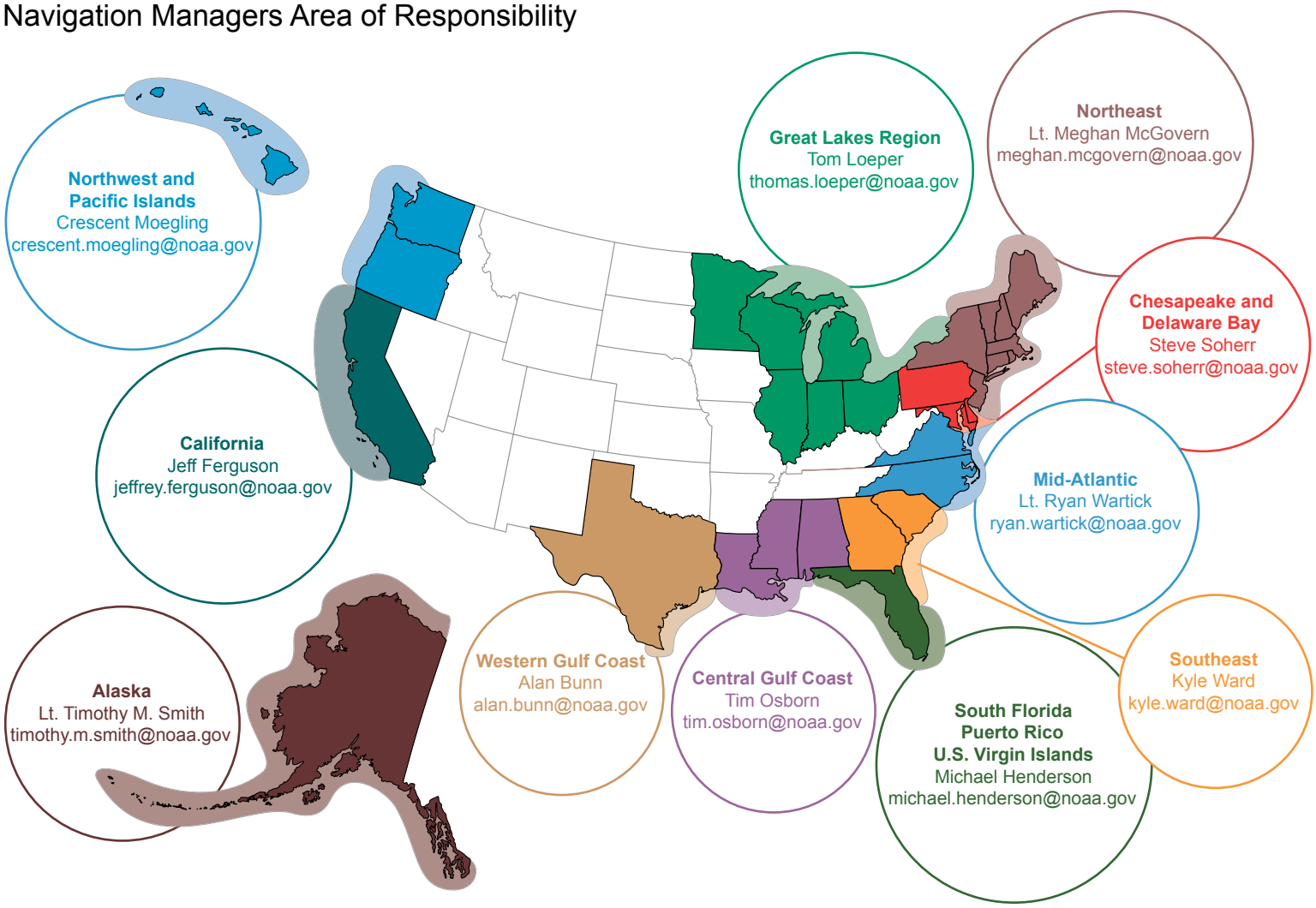


(Selected Excerpts from Coast Pilot)
The entrance to **St. Helena Sound** is 7 miles wide between **Bay Point,** the southern extremity of **Edisto Island**, on the northeast and **Hunting Island** on the southwest. The 132-foot Hunting Island Light (32°22'32"N., 80°26'16"W.), and the elevated tank on the northern part of Hunting Island make good landmarks. There are several channels through the shoals which extend about 6 miles seaward from the sound entrance. In 1983, the buoyed channel had a reported depth of 15 feet; caution is advised. The mean range of tide on the bar and in the entrance to the sound is about 6 feet. In 1973, a survey revealed depths of 1 foot to 14 feet less than those charted across the entrance to St. Helena Sound. Caution is advised in navigating this area. In 1992, a partially submerged wreck was 2.0 miles northeast of South Edisto River Approach Lighted Buoy A in about 32°26.0'N., 80°16.0'W.
Most important of the several navigable rivers emptying into the sound are South Edisto, Ashepoo, Coosaw, Morgan, and Harbor Rivers; the first three are links in the route of the Intracoastal Waterway. The **Ashepoo-Combahee-Edisto (ACE) Basin National Estuarine Research Reserve and National Wildlife Refuge** are Marine Protected Areas (MPA) in the central portion of St. Helena Sound.
South Edisto River, which empties into St. Helena Sound immediately westward of Bay Point, is of little commercial importance. The approach to the river is marked by buoys. The river above its junction with **Dawho River**, about 18 miles above Bay Point, is known as **Edisto River**. **Big Bay Creek** is unmarked and empties into the east side of South Edisto River just above Bay Point. A marina about 0.3 mile above the creek entrance on the south side has transient berths, gasoline, diesel fuel, pump-out, water, ice, and supplies. It has been reported that small craft have run aground at night when making Big Bay Creek from the northward by using the street and house lights on **Edisto Beach** as guides; extreme caution is advised.
Edisto Beach State Park is about 2 miles northeastward of Bay Point. A marked channel into South Edisto River, about 3 miles southeastward of Bay Point, has depths of 12 to 16 feet over the ocean bar.
An unmarked fish haven is on the northeast side of South Edisto River about 4.5 miles above Bay Point in about 32°32.3'N., 80°23.3'W.
The Intracoastal Waterway leads through South Edisto River from landcuts at **Fenwick Cut** and **Watts Cut**, about 5.3 miles and 11.3 miles above Bay Point, respectively. This section of the river, between Fenwick Cut and Watts Cut, is marked in accordance with Intracoastal Waterway markings. In 1983, the reported controlling depth from Bay Point to the junction with the Intracoastal Waterway at Fenwick Cut was 10 feet, and from Watts Cut to **Willtown Bluff**, about 20 miles above Bay Point, the reported controlling depth was 10 feet.
The river is usually entered from the Intracoastal Waterway; the entrance from the ocean is rarely used.
Currents.–Currents at the entrance have a velocity of about 2 knots; predictions may be obtained from the Tidal Current Tables. A draft of about 3 feet can be taken for about 8 miles above Willtown Bluff to **Jacksonboro**.
Ashepoo River, about 4.5 miles westward of Bay Point, flows into St. Helena Sound from northward on the west side of **Otter Islands**. A highway bridge over the river, 13 miles above the mouth, has a fixed span with a clearance of 20 feet. The side piers of a former swing bridge adjacent westward of the fixed bridge are used as fishing piers. An overhead power cable just westward of the bridge has a clearance of 63 feet, and another overhead power cable 4 miles above the bridge has a clearance of 84 feet. Mariners are advised to navigate with caution, because depths vary greatly in the river.
Morgan River flows into St. Helena Sound from westward. The river is about 8 miles long and at its head connects with Chowan Creek, a tributary of Beaufort River. At the divide, this passage is nearly dry at low water where U.S. Route 21 highway bridge has a 28-foot fixed span with a clearance of 4 feet. The mean range of tide near the head of Morgan River is about 7 feet. **Coffin Creek** is on the south side of Morgan River near the mouth.

U.S. Coast Guard Rescue Coordination Center
24 hour Regional Contact for Emergencies

RCC Miami	Commander 7th CG District Miami, FL	(305) 415-6800

Navigation Managers Area of Responsibility

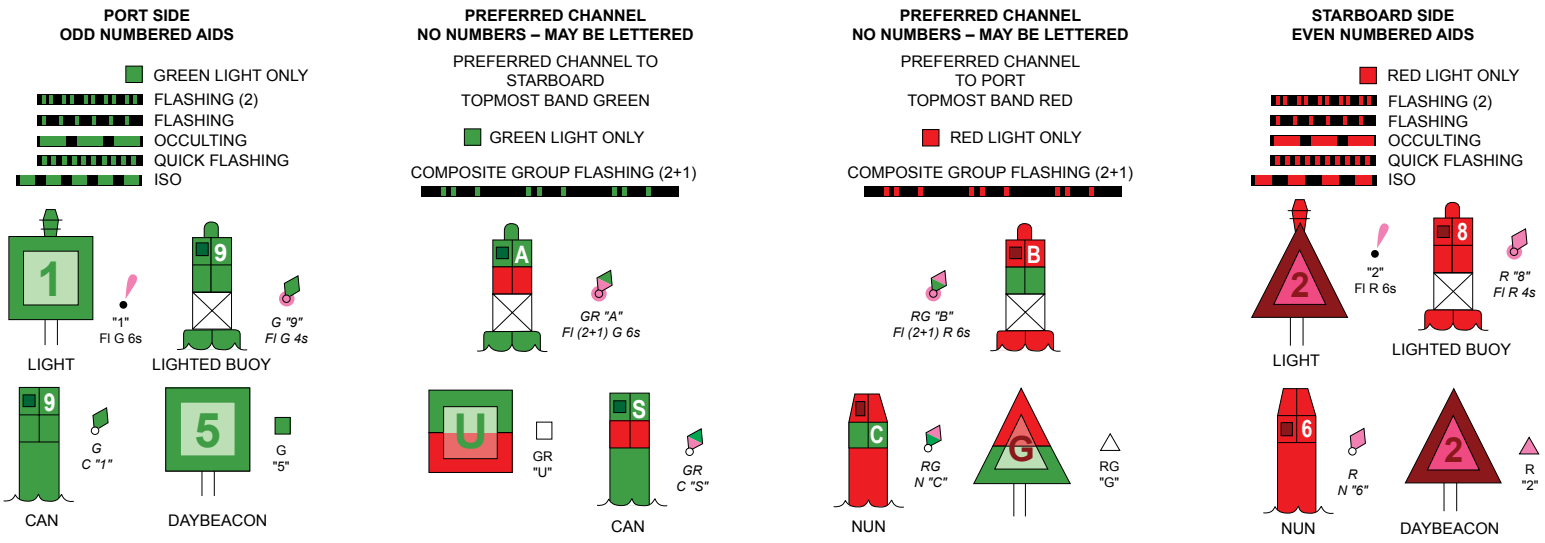


NOAA's navigation managers serve as ambassadors to the maritime community. They help identify navigational challenges facing professional and recreational mariners, and provide NOAA resources and information for safe navigation. For additional information, please visit *nauticalcharts.noaa.gov/service/navmanagers*

To make suggestions or ask questions online, go to *nauticalcharts.noaa.gov/inquiry*.
To report a chart discrepancy, please use *ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx*.

Lateral System As Seen Entering From Seaward

on navigable waters except Western Rivers



For more information on aids to navigation, including those on Western Rivers, please consult the latest USCG Light List for your area. These volumes are available online at *http://www.navcen.uscg.gov*

SOUNDINGS IN FEET

FISHING AND HUNTING STRUCTURES

Uncharted fish and wildlife harvesting devices and structures such as fish traps, pound nets, crab traps, and duck blinds, some submerged, may exist in the area of this chart, particularly in the near shore area. Mariners should proceed with caution.

HORIZONTAL DATU

The horizontal reference datum of this cha of 1983 (NAD 83), which for charting purpose to the World Geodetic System 1984 (WGS 8 referred to the North American Datum of 1 average of 0.675" northward and 0.631" eastwa

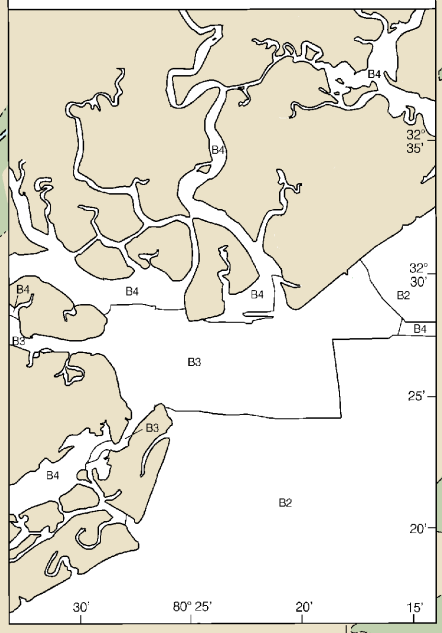
SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

SOURCE		
B2 1970 - 1989	NOS Surveys	partial bottom coverage
B3 1940 - 1969	NOS Surveys	partial bottom coverage
B4 1900 - 1939	NOS Surveys	partial bottom coverage

NOTE X

Within the 12-nautical mile Territorial Sea, established by Presidential Proclamation, some Federal laws apply. The Three Nautical Mile Line, previously identified as the outer limit of the territorial sea, is retained as it continues to depict the jurisdictional limit of the other laws. The 9-nautical mile Natural Resource Boundary off the Gulf coast of Florida, Texas, and Puerto Rico, and the Three Nautical Mile Line elsewhere remain in most cases the inner limit of Federal fisheries jurisdiction and the outer limit of the jurisdiction of the states. The 24-nautical mile Contiguous Zone and the 200-nautical mile Exclusive Economic Zone were established by Presidential Proclamation. Unless fixed by treaty or the U.S. Supreme Court, these maritime limits are subject to modification.



Joins page 8

Printed at reduced scale. SCALE 1:40,000 See Note on page 5.

Nautical Miles: 1 ½ 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000

Note: Chart grid lines are aligned with true north.

TUM
hart is North American Datum
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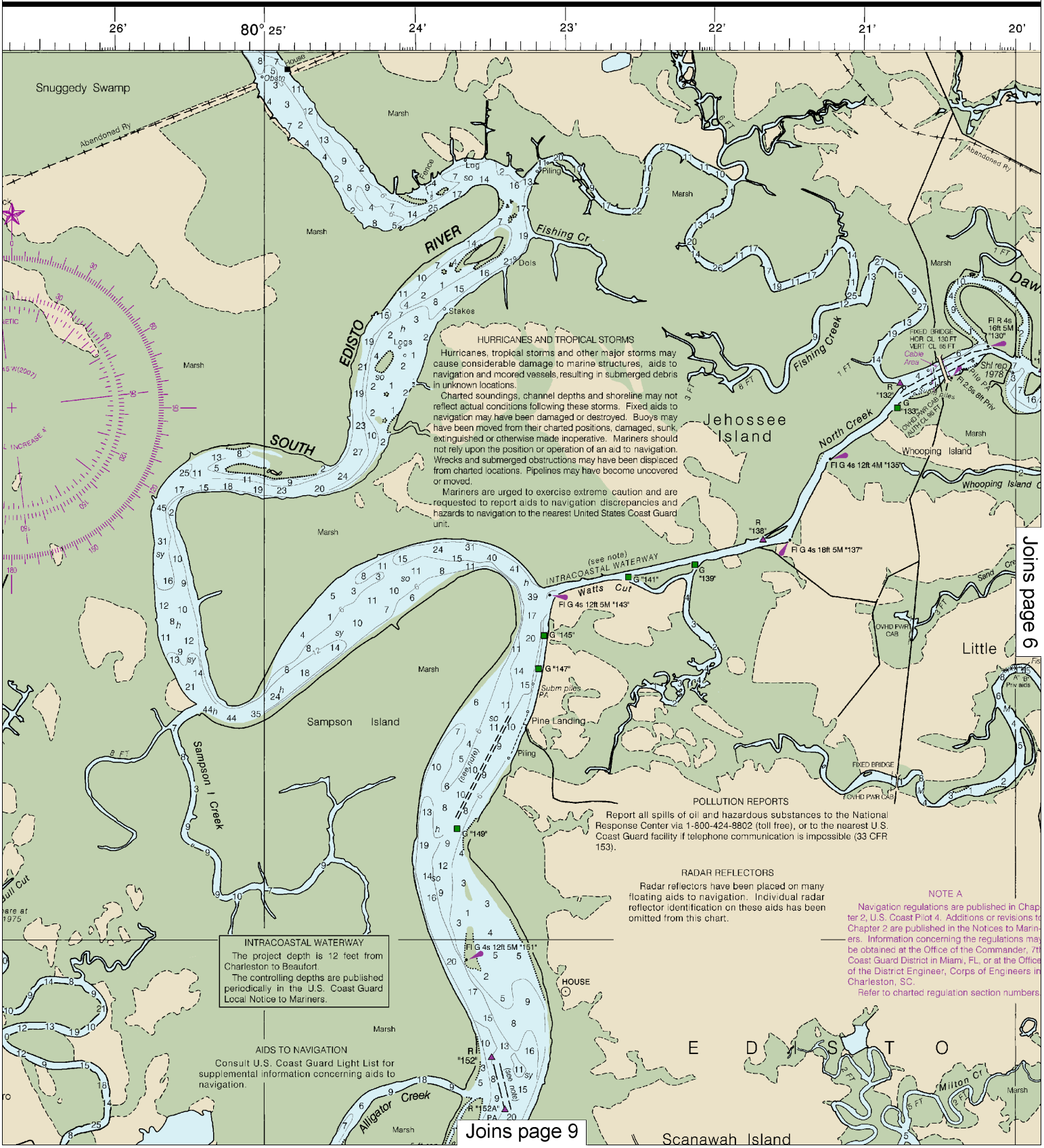
84). Geographic positions
f 1927 must be corrected an
ward to agree with this chart.

Formerly C&GS 793, 1st Ed., Sept. 1937 C-1937-455 KAPP 221



HURRICANES AND TROPICAL STORMS

Hurricanes, tropical storms and other major storms may cause considerable damage to marine structures, aids to navigation and moored vessels, resulting in submerged debris in unknown locations.

Charted soundings, channel depths and shoreline may not reflect actual conditions following these storms. Fixed aids to navigation may have been damaged or destroyed. Buoys may have been moved from their charted positions, damaged, sunk, extinguished or otherwise made inoperative. Mariners should not rely upon the position or operation of an aid to navigation. Wrecks and submerged obstructions may have been displaced from charted locations. Pipelines may have become uncovered or moved.

Mariners are urged to exercise extreme caution and are requested to report aids to navigation discrepancies and hazards to navigation to the nearest United States Coast Guard unit.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 4. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, FL, or at the Office of the District Engineer, Corps of Engineers in Charleston, SC.

Refer to charted regulation section numbers.

INTRACOASTAL WATERWAY

The project depth is 12 feet from Charleston to Beaufort.

The controlling depths are published periodically in the U.S. Coast Guard Local Notice to Mariners.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

This BookletChart was reduced to 75% of the original chart scale. The new scale is 1:53333. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.

AL DATUM
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purposes is considered equivalent
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atum of 1927 must be corrected an
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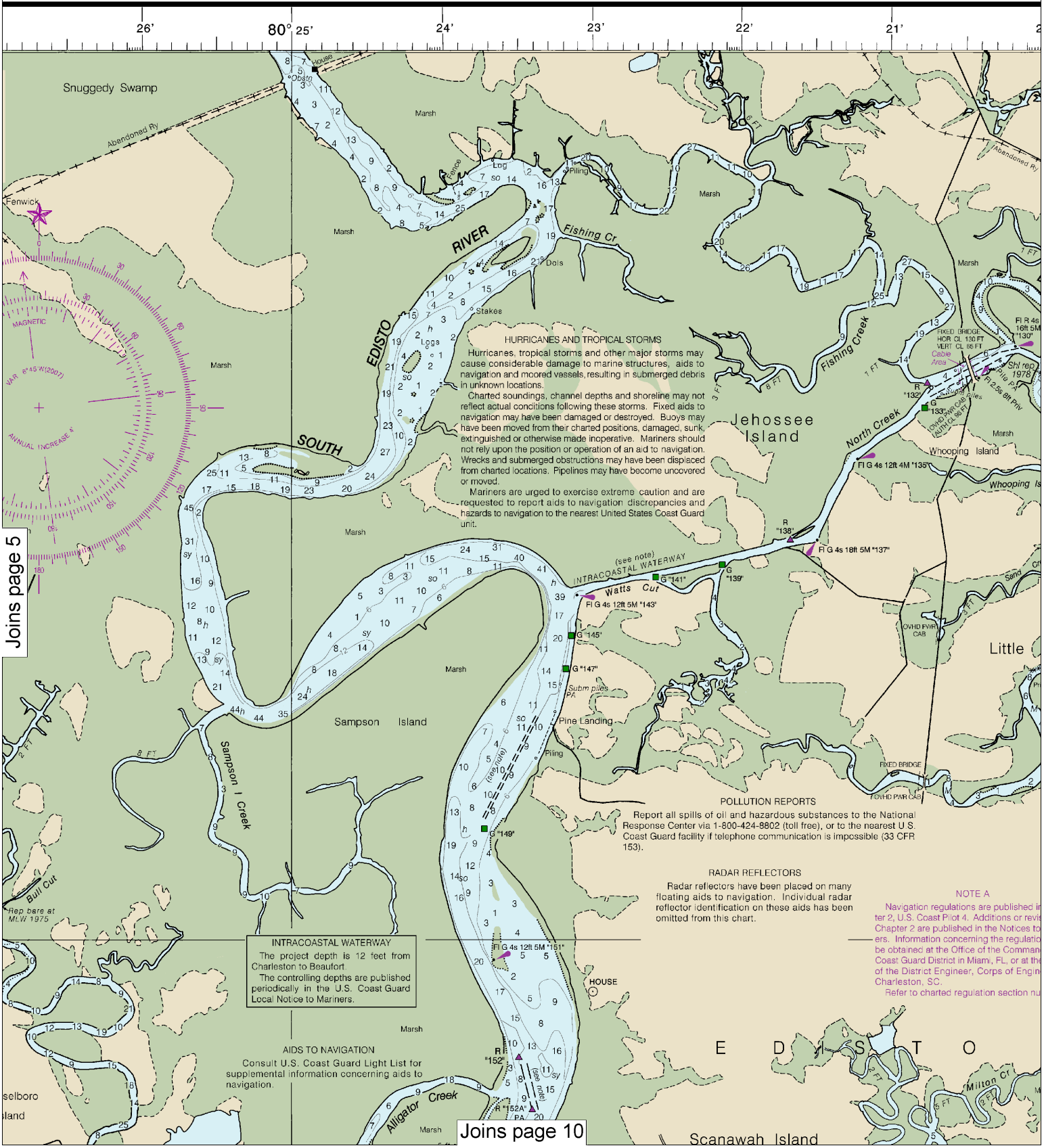

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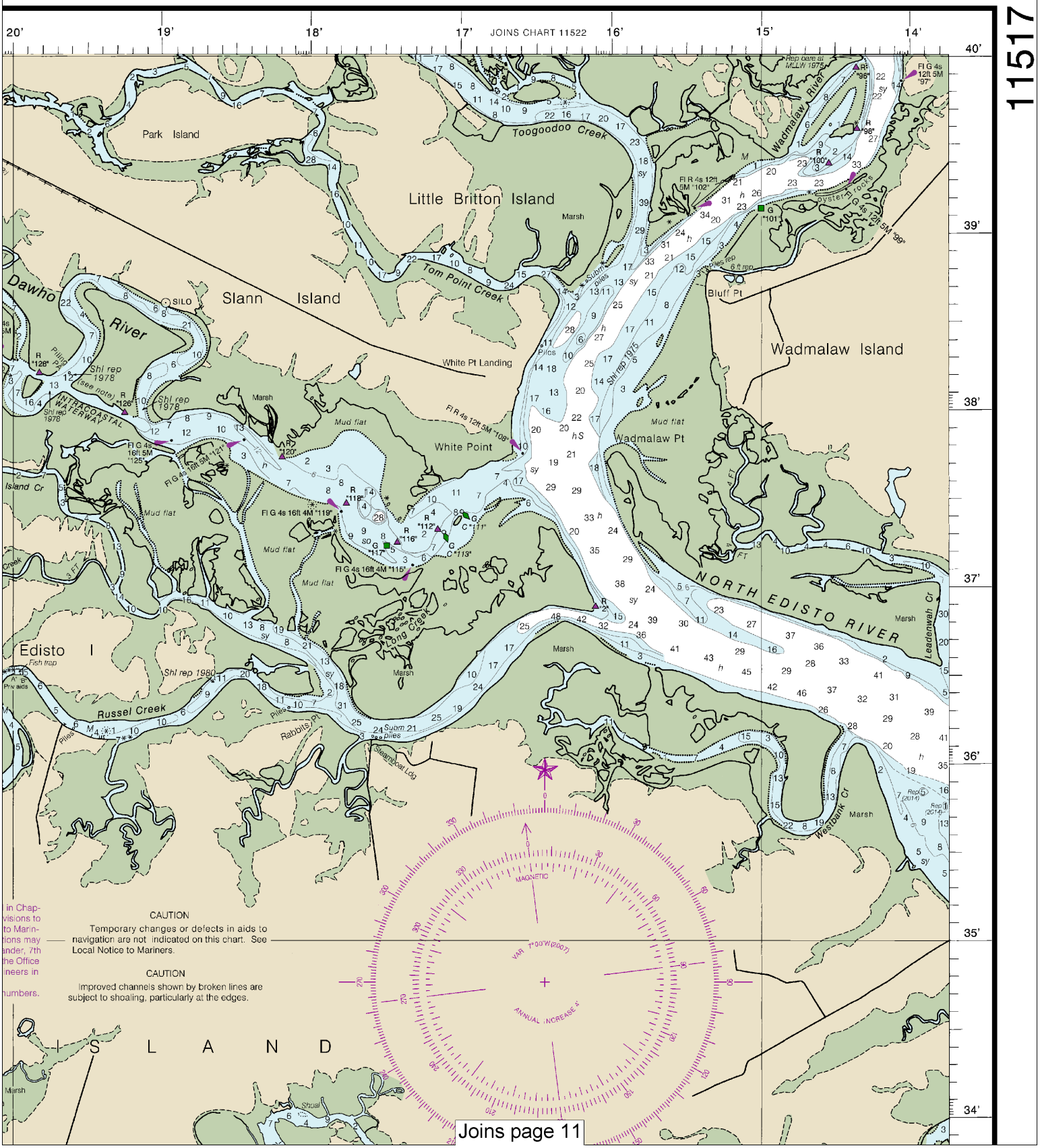
Note: Chart grid lines are aligned with true north.

Printed at reduced scale. ~~SCALE 1:40,000~~

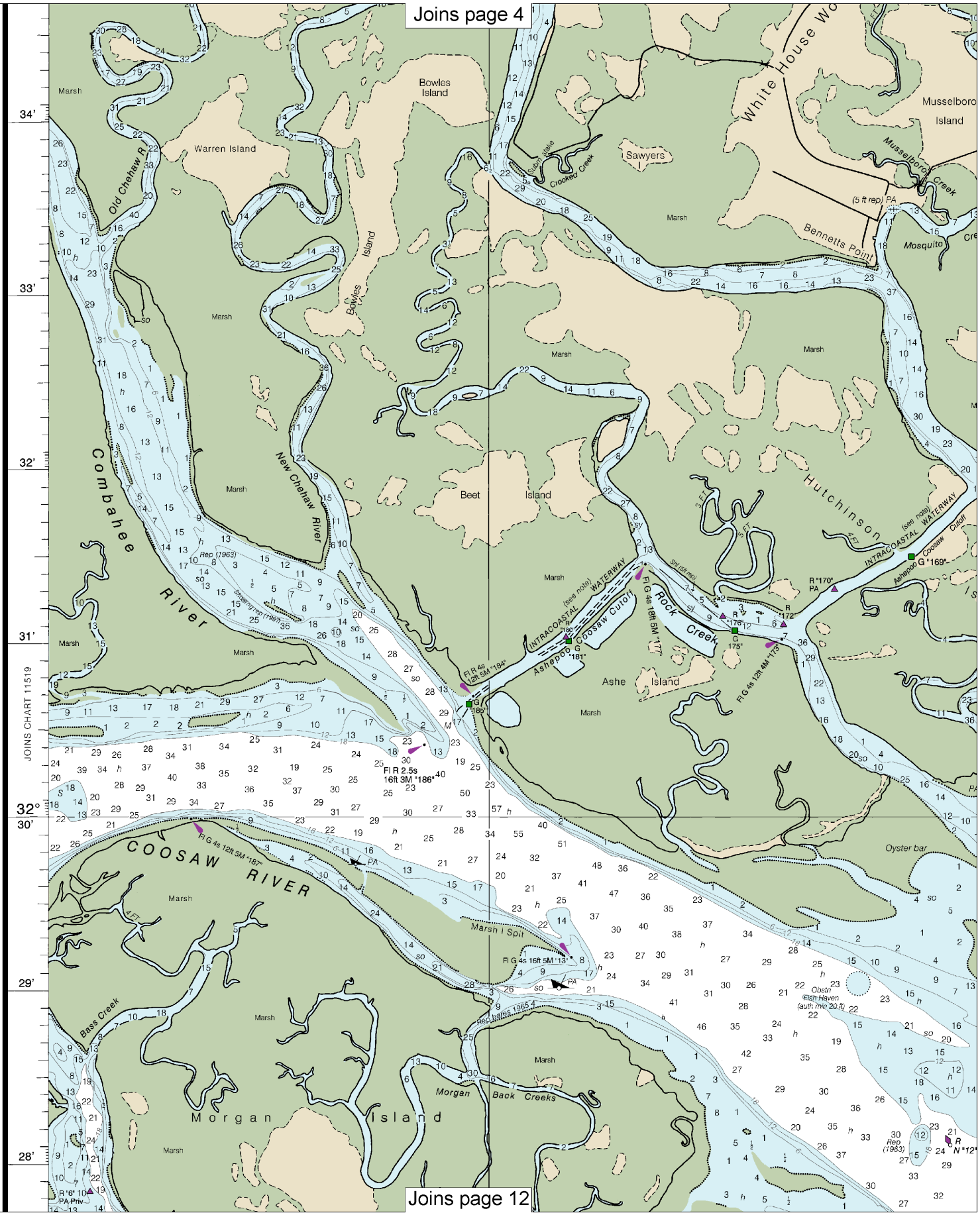
Nautical Miles: 1 ½ 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000

See Note on page 5.



nauticalcharts.noaa.gov
Last Correction: 6/6/2016. Cleared through:
LNM: 2516 (6/21/2016), NM: 2716 (7/2/2016)



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~~SCALE 1:40,000~~

Nautical Miles

1 ½ 0 1 2 3

Yards

1000 0 1000 2000 3000 4000 5000

See Note on page 5.


Joins page 5
Local Notice to Mariners.
AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.
E D I S T O
Scanawah Island
Milton Cr
Shingle Cr
Bailey Creek
Bailey Island
Raccoon Island
Fenwick Island
SOUTH EDISTO RIVER
ASHEPOO RIVER
St Pierre Creek
Peters Pt
Fishing Cr
Seabrook
Fenwick Island
Two Sisters Creek
Bank Creek
Long Ashepoo Creek
Fish Creek
Jelford Cr
Pine Island
Otter Islands
Mud Creek
Big Bay Creek
Edisto Beach
Comahee Bank
Bares
Shoaling
Marsh
Joins page 10
Joins page 13
9

Note: Chart grid lines are aligned with true north.

Printed at reduced scale. ~~SCALE 1:40,000~~

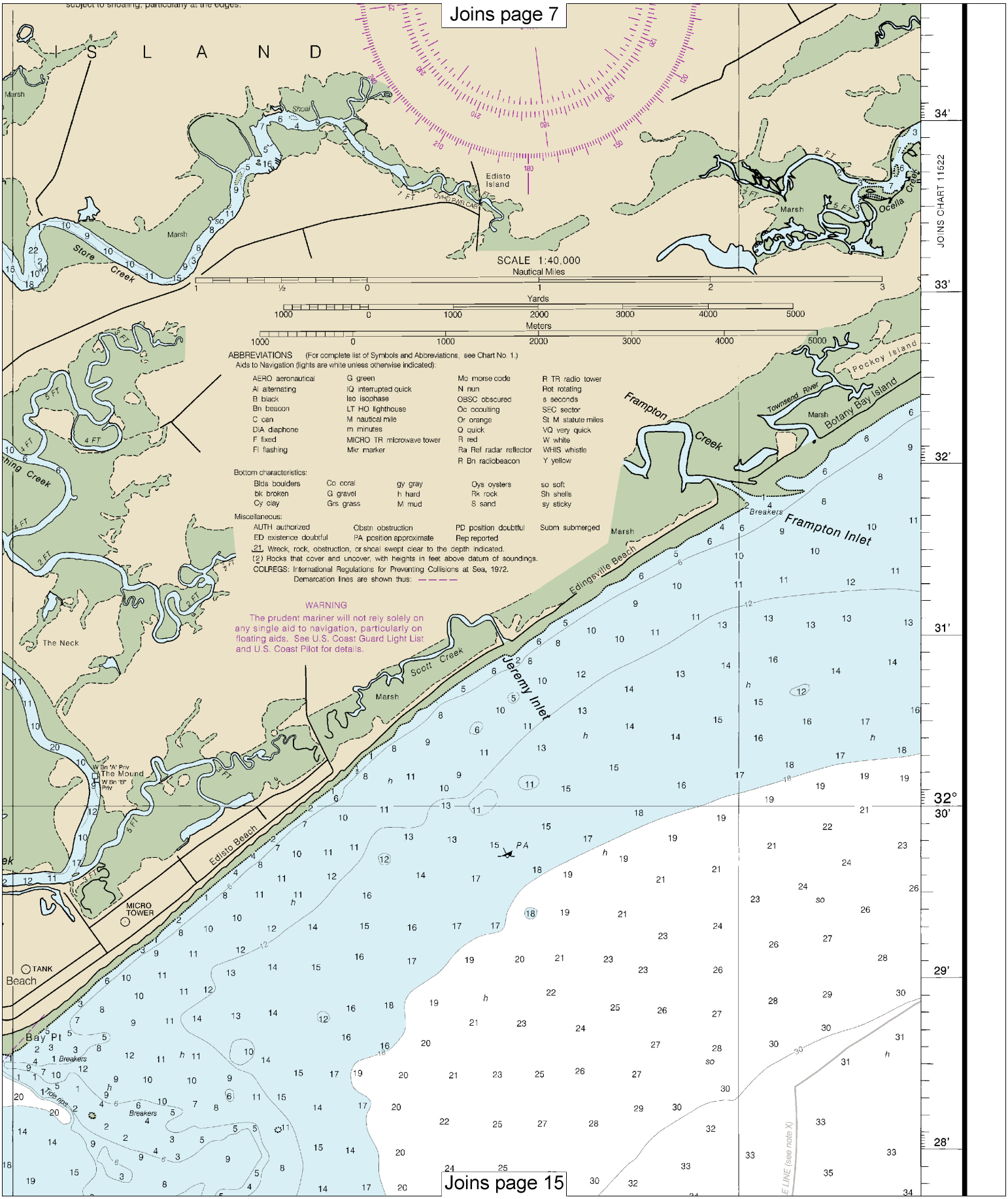
Nautical Miles

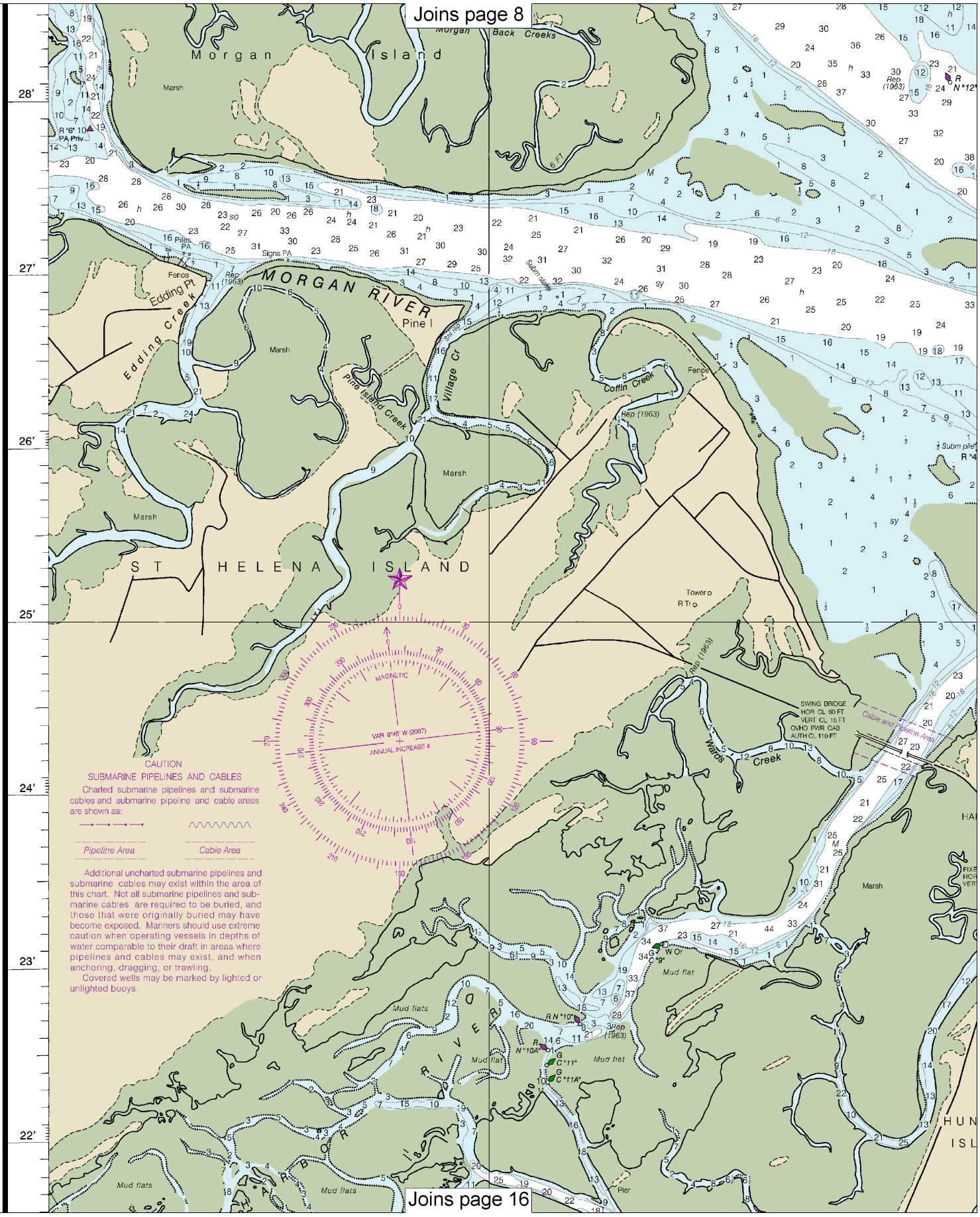
1 ½ 0 1 2 3

Yards

1000 0 1000 2000 3000 4000 5000

See Note on page 5.


Joins page 7
I S L A N D
Marsh
Shoal
Edisto Island
Store Creek
Ocella Creek
SCALE 1:40,000
Nautical Miles
Yards
Meters
ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)
Aids to Navigation (lights are white unless otherwise indicated).
Bottom characteristics:
Miscellaneous:
WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.
Frampton Creek
Pockoy Island
Townsend River
Botany Bay Island
Frampton Inlet
Edingsville Beach
Scott Creek
Jeremy Inlet
The Neck
Edisto Beach
MICRO TOWER
TANK
Bay Pt
Breakers
JOINS CHART 11522
34'
33'
32'
31'
32°
30'
29'
28'
Joins page 15



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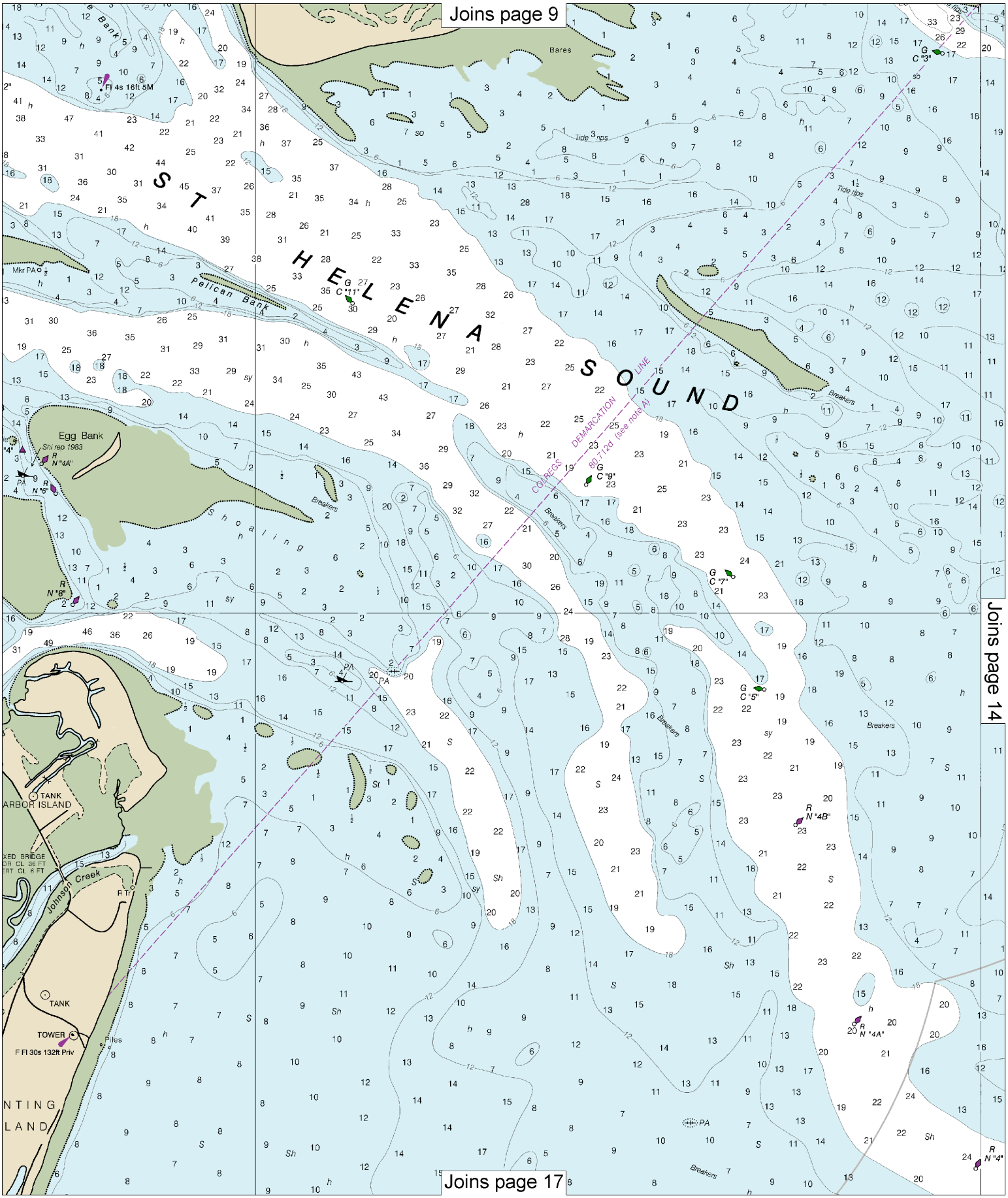
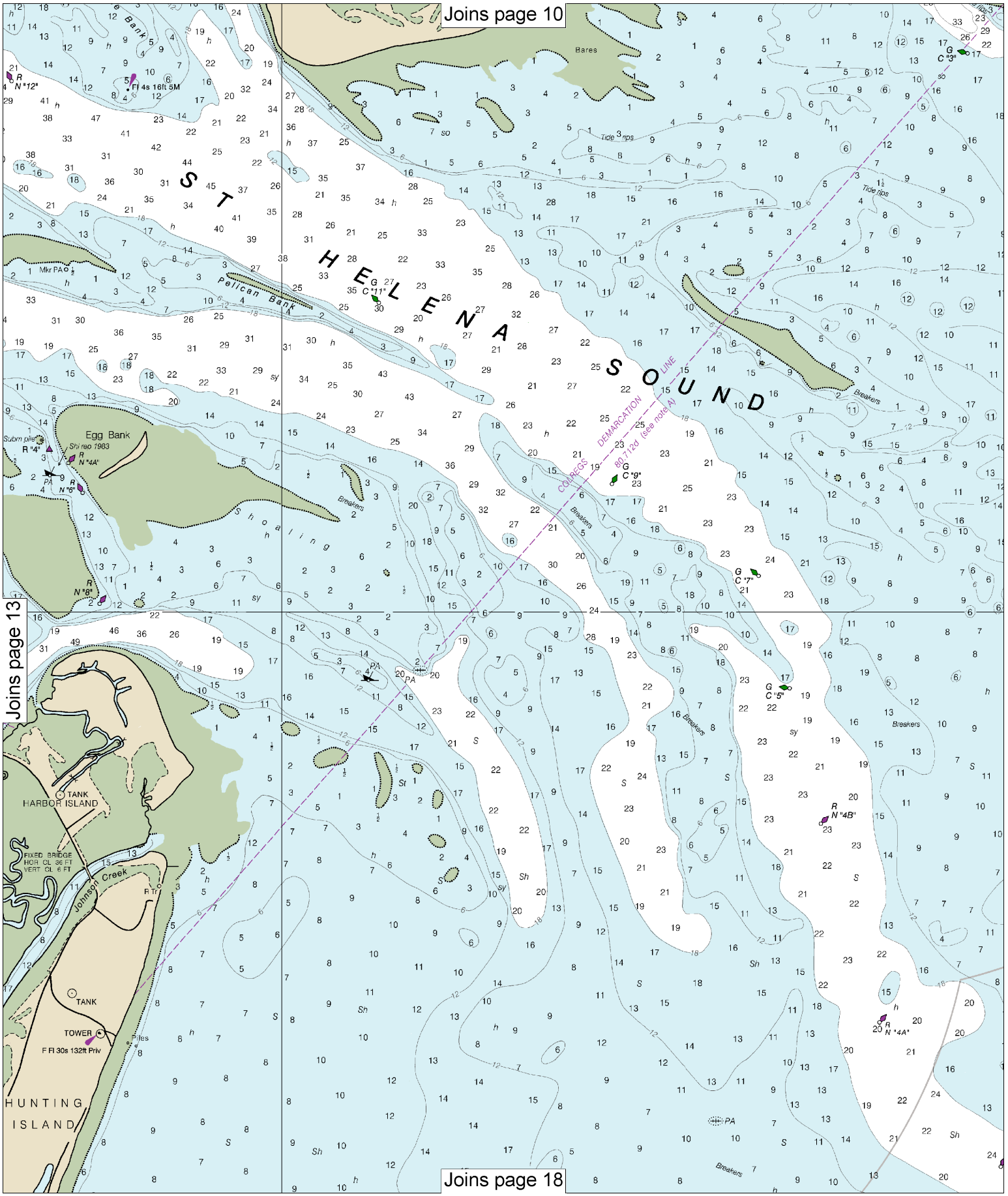

Joins page 9
Joins page 14
Joins page 17
ST HELENA SOUND
Pelican Bank
Egg Bank
Bares
Tide rips
Breakers
Shoaling
DEMARCATION LINE
COLREGS
80.712d (see note A)
Fl 4s 16ft 5M
Shi reo 1983
N "4A"
N "6"
N "8"
C "1"
C "3"
C "5"
C "7"
C "9"
N "4B"
TANK
ARBOR ISLAND
Johnson Creek
TOWER
F Fl 30s 132ft Priv
Piles
PA
Sh
S
St
Mkr PA



14

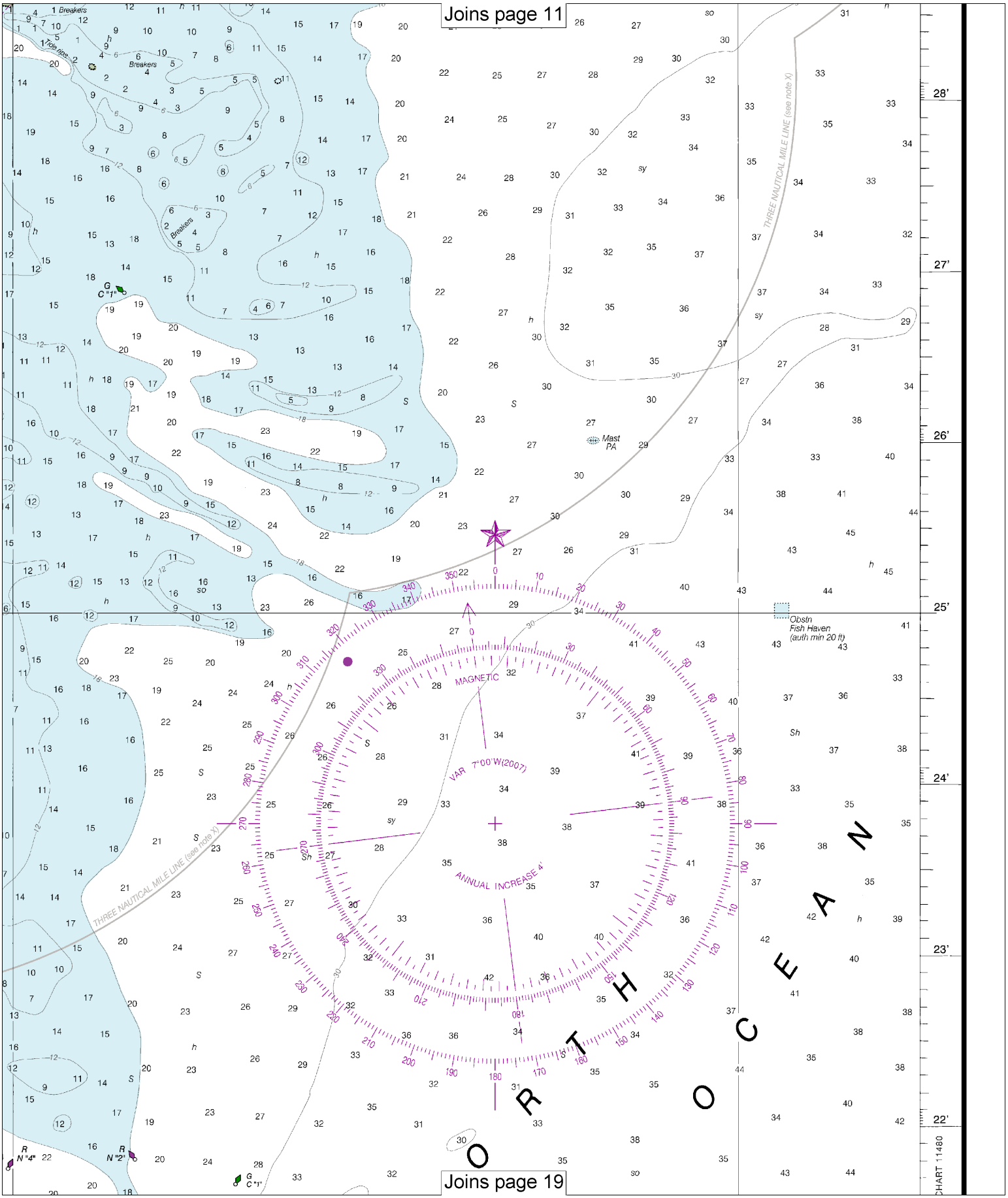
Note: Chart grid lines are aligned with true north.

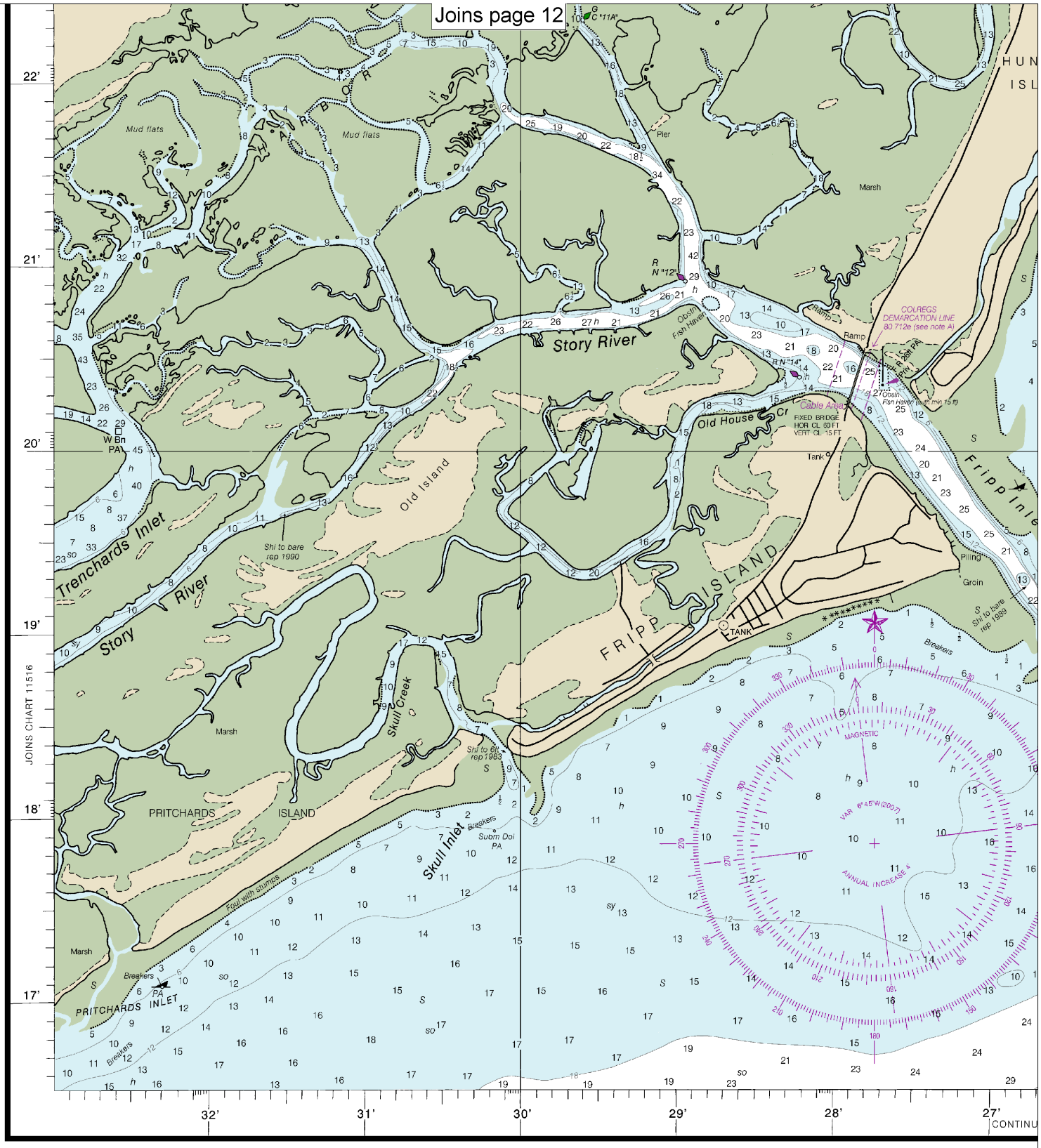
Printed at reduced scale. ~~SCALE 1:40,000~~

Nautical Miles: 1 ½ 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000

See Note on page 5.


Joins page 11
Joins page 19
28'
27'
26'
25'
24'
23'
22'
THREE NAUTICAL MILE LINE (see note X)
Obstn
Fish Haven
(auth min 20 ft)
Mast
PA
MAGNETIC
VAR 7°00'W(2007)
ANNUAL INCREASE 4'
NORTH OCEAN
CHART 11480



18th Ed., Dec. 2007

11517

CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

NOAA encourages users to submi
about this chart at http://www.nautical

Last Correction: 6/6/2016. Cleared through:
LNM: 2516 (6/21/2016), NM: 2716 (7/2/2016)

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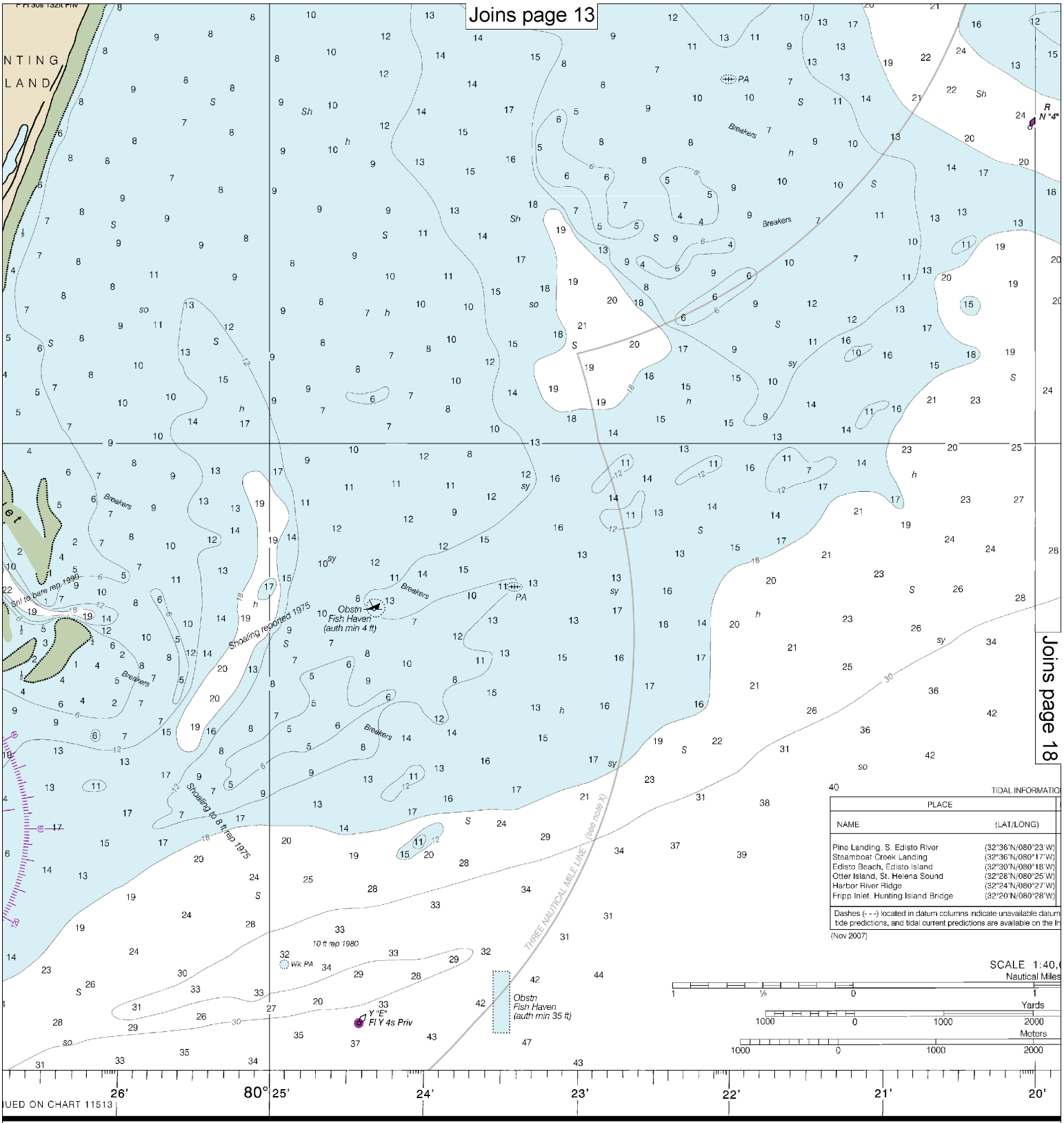
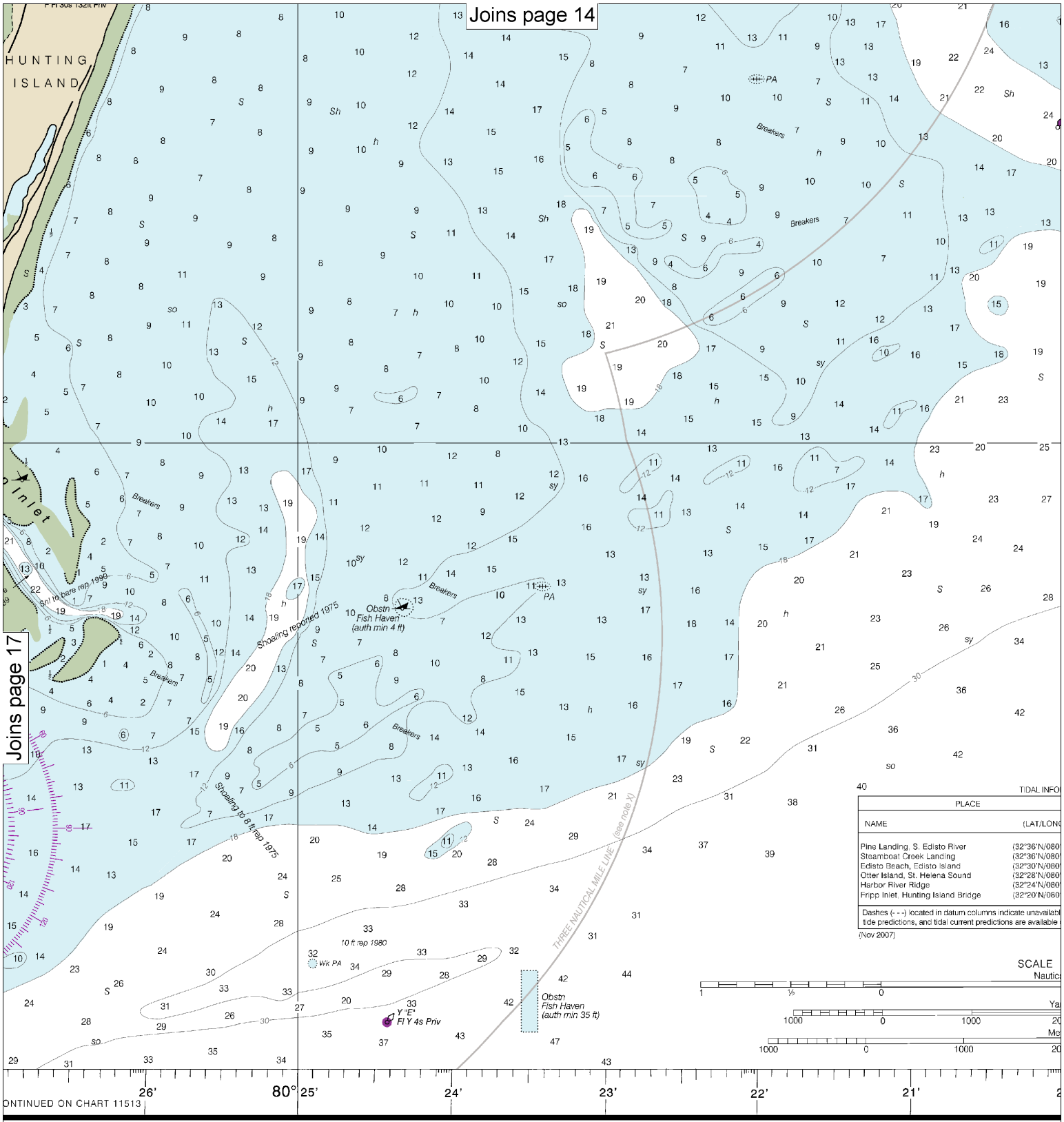


UED ON CHART 11513

mit inquiries, discrepancies or comments
alcharts.noaa.gov/staff/contact.htm.

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

SOUNDINGS IN FE



CONTINUED ON CHART 11513

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

SOUNDINGS IN F

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Nautical Miles: 1 ½ 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000

See Note on page 5.

Joins page 15

CONTINUED ON CHART 11480

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Charleston, SC	KHB-29	162.55 MHz
Savannah, GA	KEC-85	162.40 MHz
Beaufort, SC	WXJ-23	162.475 MHz

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 4 for important supplemental information.

THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES - EAST COAST

SOUTH CAROLINA

ST HELENA SOUND

Mercator Projection
Scale 1:40,000 at Lat 32° 28'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

For Symbols and Abbreviations see Chart No. 1

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

Additional information can be obtained at nauticalcharts.noaa.gov.

-ORMATION

NG)	Height referred to datum of soundings (MLLW)		
	Mean Higher High Water	Mean High Water	Mean Low Water
	feet	feet	feet
80°23'W)	6.8	6.5	0.2
80°17'W)	6.6	6.2	0.2
80°18'W)	6.3	6.0	0.2
80°25'W)	6.6	6.2	0.2
80°27'W)	6.7	6.3	0.2
80°28'W)	6.7	6.3	0.2

able datum values for a tide station. Real-time water levels, e on the Internet from http://tidesandcurrents.noaa.gov.

1:40,000
lical Miles
1 2 3
Yards
2000 3000 4000 5000
Meters
2000 3000 4000 5000

20' 19' 18' 17' 16' 15' 14'

1085.9 x 754.1 mm

FEET

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

St Helena Sound
SOUNDINGS IN FEET - SCALE 1:40,000

11517

EMERGENCY INFORMATION

VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.
Channel 9 – Communications between boats and ship-to-coast.
Channel 13 – Navigation purposes at bridges, locks, and harbors.
Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other vessels. Contact the other vessel, agree to another channel, and then switch.
Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.
Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

Getting and Giving Help — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!

All Hazards NOAA Weather Radio NOAA's National Weather Service

NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.
http://www.nws.noaa.gov/nwr/

Quick References

Nautical chart related products and information	—	**http://www.nauticalcharts.noaa.gov**
Interactive chart catalog	—	**http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml**
Report a chart discrepancy	—	**http://ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx**
Chart and chart related inquiries and comments	—	**http://ocsdata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs**
Chart updates (LNM and NM corrections)	—	**http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html**
Coast Pilot online	—	**http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm**
Tides and Currents	—	**http://tidesandcurrents.noaa.gov**
Marine Forecasts	—	**http://www.nws.noaa.gov/om/marine/home.htm**
National Data Buoy Center	—	**http://www.ndbc.noaa.gov/**
NowCoast web portal for coastal conditions	—	**http://www.nowcoast.noaa.gov/**
National Weather Service	—	**http://www.weather.gov/**
National Hurrican Center	—	**http://www.nhc.noaa.gov/**
Pacific Tsunami Warning Center	—	**http://ptwc.weather.gov/**
Contact Us	—	**http://www.nauticalcharts.noaa.gov/staff/contact.htm**

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